

A2
4. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is from a dicot.

6. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide has the sequence of SEQ ID NO: 1.

7. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is DNA.

A3
8. (Amended) The isolated nucleic acid of claim 64, wherein the polynucleotide is RNA.

9. (Amended) The isolated nucleic acid of claim 64 adducted to a second nucleic acid sequence encoding a DNA-binding domain.

10. (Amended) A vector comprising at least one nucleic acid of claim 64.

11. (Amended) A recombinant expression cassette comprising a nucleic acid of claim 64.

A4
13. (Amended) A non-human host cell containing the recombinant expression cassette of claim 11.

A5
18. (Amended) A seed comprising the expression cassette of claim 11.

A6
22. (Amended) A ribonucleic acid sequence encoding a protein having SEQ ID NO:2.

23. (Amended) A method of modulating the level of CycE protein in a plant cell, comprising:

- (a) transforming a plant cell with a recombinant expression cassette of claim 11;
- (b) growing the plant cell under cell-growing conditions for a time sufficient to induce expression of the polynucleotide sufficient to modulate CycE protein in the cell.

Please add the following new claim.

64. (New) An isolated Cyclin E nucleic acid comprising a member selected from the group consisting of:

- (a) a polynucleotide that encodes a polypeptide of SEQ ID NO: 2;
- (b) a plant Cyclin E polynucleotide having at least 70% identity to the entire coding region of SEQ ID NO: 1, wherein the % identity is determined by GCG/bestfit GAP 10 program using a gap creation penalty of 50 and a gap extension penalty of 3;
- (c) a polynucleotide having the sequence set forth in SEQ ID NO: 1; and
- (d) a polynucleotide complementary to a polynucleotide of (a) through (c).